



Smart, Safe and Sustainable: driving into the future

Wed 16 March 2011 from 5:30-9 pm at Hotel du Vin Birmingham

Science Capital is offering this *National Science and Engineering Week* event to present the latest automotive technologies and advanced materials being pioneered to address climate change, and offering new connections for research leaders, investors and business experts.

Join in the discussions with university and business experts, hear about the new research developments in the automotive industry, offer your point of view, and explore partnerships.

An informative, entertaining, and provocative meeting for anyone interested in how behavioural analysis, innovative engineering, and high tech manufacturing come together in the region's leading companies and enterprises.

Speakers:



Mark White, Jaguar's Chief Technical Specialist on Lightweight Structures, will present how aerospace-inspired aluminium construction is being used to improve performance and fuel economy of cars including the new XJ while using recycled materials and reducing emissions.



Bryn Richards, CEO of Aeristech Ltd, a technology start-up which investors including Midven recently awarded £500k and winner of the Wales Innovation Award, will present Aeristech's fullElectric turbocharger technology for lighter, more fuel efficient engines.



Kerry Kirwan from the Warwick Manufacturing Group is building mobile phones, plastic car windows and the WorldFirst Formula 3 racing car from green materials, showing the public how engineering delivers great products in an era of sustainability.



Bruno G. Pollet from the University of Birmingham PEM Fuel Cell Research group is developing new electrocatalysts and Membrane Electrode Assemblies for hydrogen PEM fuel cells, designing low-cost high performance hydrogen fuel cell hybrid vehicles, and implementing a supply chain for their production.



Barry Shrier is chairing and is Chief Executive of **Liberty Electric Cars**, a business addressing climate change by designing zero-emission high performance cars including the luxury 4x4 E-range.

Selected scientists and engineers are presenting cutting edge technology and business plans to a panel of investors, legal, financial, and business advisors who are experienced in developing commercialisation strategies.

Schedule: People will gather at 5:30pm for a reception and to view posters and products. A set of short talks on this important theme for our region will begin at 6pm, followed by a lively panel discussion. Food and drinks will be served until 9pm, along with plenty of time for networking. Private meetings with business advisors, legal experts and investors will be arranged for business plan presenters in the afternoon.

Designated Charity: Cancer Research UK

Media Partner: Birmingham Post

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Places are limited. **Book your tickets** at www.sciencecapital.co.uk